



Comparison of *Benchmarks* and *NSES* Motion

NSES Physical Science Position and Motion of Objects

Grades K-4

The position and motion of objects can be changed by pushing or pulling and the size of the change is related to the strength of the push or pull.

Benchmarks The Physical Setting Motion

Grades K-2

The way to change how something is moving is to give it a push or a pull.

Benchmarks The Physical Setting Motion

Grades 3-5

Changes in speed or direction of motion are caused by forces. The greater the force is, the greater the change in motion will be. The more massive an object is, the less effect a given force will have.